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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

ELLIS

Appl. No.: 09/884,041

Filed: June 20, 2001

Title: GLOBAL NETWORK COMPUTERS

Client Ref.: GNC16CON1

Confirmation No.: 3126

Group Art Unit: Unknown

Examiner: Unknown

August 19, 2001

**PRELIMINARY AMENDMENT**

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, kindly enter the following amendments.

**IN THE SPECIFICATION:**

Kindly amend the specification as follows:

On page 68, after line 4, insert the following paragraph:

--Figure 16AB shows a direct connection of optical fiber 99 from Internet 3 (or another network) to random access memory (RAM) microchip 66'. The connection is preferably at a central portion 140 of RAM chip 66' to provide equal access to stored data on RAM chip 66'. The direct connection can be anywhere on RAM chip 66'. Digital signal processor (DSP) 89 is on RAM chip 66' for connection with optical fiber 99. RAM chip 66' is for shared memory use among PC's 1 and for broadcast use. RAM chip 66' can include volatile or non-volatile (flash-type) memory. RAM chip 66' can have more than one DSP 89, such as shown in Figure 20B.--